

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	1397	((FIR (finite adj impulse adj response)) adj2 filter\$1) and (look adj2 up adj2 table\$1) and ((@ad <= "20000306")(@rlad <= "20000306"))	US-PGPUB; USPAT	OR	ON	2007/06/25 13:48
L2	278	((FIR (finite adj impulse adj response)) adj2 filter\$1) and ((look adj2 up adj2 table\$1) same coefficient\$1) and ((@ad <= "20000306")(@rlad <= "20000306"))	US-PGPUB; USPAT	OR	ON	2007/06/25 13:49
L3	169	((FIR (finite adj impulse adj response)) adj2 filter\$1) and ((look adj2 up adj2 table\$1) with coefficient\$1) and ((@ad <= "20000306")(@rlad <= "20000306"))	US-PGPUB; USPAT	OR	ON	2007/06/25 13:49
L4	7	((FIR (finite adj impulse adj response)) adj2 filter\$1) and ((rom adj2 look adj2 up adj2 table\$1) with coefficient\$1) and ((@ad <= "20000306")(@rlad <= "20000306"))	US-PGPUB; USPAT	OR	ON	2007/06/25 13:54
L5	7	((FIR (finite adj impulse adj response) (digital adj2 filter\$3)) adj2 filter\$1) and ((rom adj2 look adj2 up adj2 table\$1) with coefficient\$1) and ((@ad <= "20000306")(@rlad <= "20000306"))	US-PGPUB; USPAT	OR	ON	2007/06/25 13:55
L6	10	(digital adj2 filter\$3) and ((rom adj2 look adj2 up adj2 table\$1) with coefficient\$1) and ((@ad <= "20000306")(@rlad <= "20000306"))	US-PGPUB; USPAT	OR	ON	2007/06/25 13:55
S1	1	("20020056135").PN.	US-PGPUB; USPAT	OR	OFF	2006/03/28 16:56
S2	602	"sharma".in.	EPO	OR	OFF	2005/09/24 16:03
S3	1	"liva".in.	EPO	OR	OFF	2005/09/24 15:59
S4	33	"liva".in.	US-PGPUB; USPAT; EPO	OR	OFF	2005/09/24 15:59
S5	2	"liva".in. and "sharma".in.	US-PGPUB; USPAT; EPO	OR	OFF	2005/09/24 15:59

## EAST Search History

S6	2	"sharma".in. and "transceiver".ti.	US-PGPUB; USPAT; EPO	OR	OFF	2005/09/24 16:04
S8	961	cable adj modem adj termination adj system	US-PGPUB; USPAT	OR	ON	2005/09/24 18:29
S9	24	(cable adj modem adj termination adj system) and (plurality near3 demodulator)	US-PGPUB; USPAT	OR	ON	2006/03/24 12:27
S10	3	(cable adj modem adj termination adj system) and (plurality near3 demodulator) and (programmable adj center adj frequency)	US-PGPUB; USPAT	OR	ON	2006/03/24 14:23
S11	2	(plurality near3 demodulator) same (programmable adj center adj frequency)	US-PGPUB; USPAT	OR	ON	2006/03/24 12:28
S12	0	(plurality near3 demodulator) same (programmable adj FIR)	US-PGPUB; USPAT	OR	ON	2006/03/24 14:24
S13	0	(plurality near3 demodulator) same (programmable adj filter)	US-PGPUB; USPAT	OR	ON	2006/03/24 12:28
S14	7	(plurality near3 demodulator) and (programmable adj filter)	US-PGPUB; USPAT	OR	ON	2006/03/24 12:29
S15	3	(plurality near3 demodulator) and (DC adj coefficient)	US-PGPUB; USPAT	OR	ON	2005/09/24 18:32
S16	3	(demodulator) same (programmable adj center adj frequency)	US-PGPUB; USPAT	OR	ON	2005/09/24 18:33
S17	6	(demodulator) and (programmable adj center adj frequency)	US-PGPUB; USPAT	OR	ON	2005/09/24 18:33
S18	59	(demodulat\$5) near3 (multiple adj channel)	US-PGPUB; USPAT	OR	ON	2005/09/24 18:34
S19	45	(cable adj modem adj termination adj system) and (plurality with demodulator)	US-PGPUB; USPAT	OR	ON	2005/09/24 18:49
S20	3064	(plurality with demodulator)	US-PGPUB; USPAT	OR	ON	2005/09/24 18:35
S21	380	(plurality adj demodulator)	US-PGPUB; USPAT	OR	ON	2005/09/24 18:35
S22	13	(plurality adj digital adj demodulator)	US-PGPUB; USPAT	OR	ON	2005/09/24 18:35
S23	2	(cable adj modem adj termination adj system) and (programmable adj demodulator)	US-PGPUB; USPAT	OR	ON	2005/09/24 18:37
S24	299	(cable adj modem adj termination adj system) and (demodulator)	US-PGPUB; USPAT	OR	ON	2005/09/24 18:36
S25	3	(plurality adj programmable adj demodulator)	US-PGPUB; USPAT	OR	ON	2005/09/24 18:37

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S26	0	(cable adj modem adj termination adj system) near3 (channel adj bank)	US-PGPUB; USPAT	OR	ON	2005/09/24 18:38
S27	2	(CMTS adj channel adj bank)	US-PGPUB; USPAT	OR	ON	2005/09/24 18:38
S28	0	(cable adj modem adj termination adj system) same ADC same demodulator	US-PGPUB; USPAT	OR	ON	2005/09/24 18:38
S29	74	(cable adj modem adj termination adj system) same demodulator	US-PGPUB; USPAT	OR	ON	2005/09/24 18:41
S30	0	(cable adj modem adj termination adj system) adj line adj card	US-PGPUB; USPAT	OR	ON	2005/09/24 18:42
S31	15	(cable adj modem adj termination adj system) and (channel adj bank)	US-PGPUB; USPAT	OR	ON	2005/09/24 18:42
S32	288	(cable adj modem adj termination adj system) and "725"/\$7.ccls.	US-PGPUB; USPAT	OR	ON	2005/09/24 18:42
S33	3	(cable adj modem adj termination adj system) and "725"/\$7.ccls. and (plurality adj modulator)	US-PGPUB; USPAT	OR	ON	2005/09/24 18:43
S34	4	(cable adj modem adj termination adj system) and "725"/\$7.ccls. and (plurality adj demodulator)	US-PGPUB; USPAT	OR	ON	2005/09/24 18:43
S35	101	725/152.ccls.	US-PGPUB; USPAT	OR	ON	2005/09/24 18:44
S36	5	725/149.ccls. and (cable adj modem adj termination adj system)	US-PGPUB; USPAT	OR	ON	2005/09/24 18:45
S37	288	"725"/\$7.ccls. and (cable adj modem adj termination adj system)	US-PGPUB; USPAT	OR	ON	2005/09/24 18:45
S38	4	"725"/\$7.ccls. and (cable adj modem adj termination adj system) and (plurality adj demodulator)	US-PGPUB; USPAT	OR	ON	2005/09/24 18:45
S39	10	"725"/\$7.ccls. and (cable adj modem adj termination adj system) and (plurality adj receiver)	US-PGPUB; USPAT	OR	ON	2005/09/24 18:46
S40	237	"725"/\$7.ccls. and (cable adj modem adj termination adj system) and upstream and downstream	US-PGPUB; USPAT	OR	ON	2005/09/24 18:46
S41	9	"725"/\$7.ccls. and (cable adj modem adj termination adj system) and (channel adj bank)	US-PGPUB; USPAT	OR	ON	2005/09/24 18:47
S42	29	"725"/\$7.ccls. and (cable adj modem adj termination adj system) and (plurality adj channel)	US-PGPUB; USPAT	OR	ON	2005/09/24 18:47
S43	1	"6721371".pn.	US-PGPUB; USPAT	OR	ON	2005/09/24 18:47

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S44	5	(cable adj modem adj termination adj system) same ADC	US-PGPUB; USPAT	OR	ON	2005/09/24 18:50
S45	1	(cable adj modem adj termination adj system) same (analog adj digital adj converter)	US-PGPUB; USPAT	OR	ON	2005/09/24 18:50
S46	74	(cable adj modem adj termination adj system) same (demodulator)	US-PGPUB; USPAT	OR	ON	2005/09/24 18:51
S47	3	(cable adj modem adj termination adj system) same (plurality adj demodulator)	US-PGPUB; USPAT	OR	ON	2005/09/24 18:52
S48	3902713	(cable adj modem adj termination adj system) includ\$5 (plurality adj demodulator)	US-PGPUB; USPAT	OR	ON	2005/09/24 18:52
S49	2	(cable adj modem adj termination adj system) adj includ\$5 adj (plurality adj demodulator)	US-PGPUB; USPAT	OR	ON	2005/09/24 18:53
S50	0	(cable adj modem adj termination adj system) adj includ\$5 adj (analog adj digital adj converter)	US-PGPUB; USPAT	OR	ON	2005/09/24 18:53
S51	0	(cable adj modem adj termination adj system) near8 (analog adj digital adj converter)	US-PGPUB; USPAT	OR	ON	2005/09/24 18:53
S52	1	(cable adj modem adj termination adj system) same (analog adj digital adj converter)	US-PGPUB; USPAT	OR	ON	2005/09/24 18:54
S53	95	(DC adj coefficient) same (filter)	US-PGPUB; USPAT	OR	ON	2005/09/24 18:54
S54	4	(analog adj digital adj converter) same (plurality adj demodulator)	US-PGPUB; USPAT	OR	ON	2005/09/24 18:55
S55	0	725/111.ccls. and (analog adj digital adj converter) same (plurality adj demodulator)	US-PGPUB; USPAT	OR	ON	2005/09/24 18:55
S56	3	725/111.ccls. and (plurality adj demodulator)	US-PGPUB; USPAT	OR	ON	2005/09/24 18:56
S57	277	725/111.ccls.	US-PGPUB; USPAT	OR	ON	2005/09/24 18:56
S58	146	725/111.ccls. and CMTS	US-PGPUB; USPAT	OR	ON	2005/09/24 18:57
S59	42	375/222.ccls. and CMTS	US-PGPUB; USPAT	OR	ON	2005/09/24 18:57
S60	12	725/114.ccls. and CMTS	US-PGPUB; USPAT	OR	ON	2005/09/24 18:57
S61	15	725/117.ccls. and CMTS	US-PGPUB; USPAT	OR	ON	2005/09/24 18:57
S62	0	375/342.ccls. and CMTS	US-PGPUB; USPAT	OR	ON	2005/09/24 18:57

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S63	2	375/324.ccls. and CMTS	US-PGPUB; USPAT	OR	ON	2005/09/24 18:59
S64	6	375/324.ccls. and (plurality adj demodulator)	US-PGPUB; USPAT	OR	ON	2005/09/24 18:58
S65	0	370/536.ccls. and CMTS	US-PGPUB; USPAT	OR	ON	2005/09/24 18:59
S66	2	370/536.ccls. and (cable adj modem)	US-PGPUB; USPAT	OR	ON	2005/09/24 19:00
S68	65	"370"/\$7.ccls. and (cable adj modem adj termination adj system) and (analog adj digital)	US-PGPUB; USPAT	OR	ON	2005/09/24 19:01
S69	140	725/111.ccls. and (cable adj modem adj termination adj system)	US-PGPUB; USPAT	OR	ON	2005/09/24 19:02
S70	3	725/111.ccls. and (cable adj modem adj termination adj system) same (plurality adj receiver)	US-PGPUB; USPAT	OR	ON	2005/09/24 19:02
S71	0	725/111.ccls. and (up adj channel) same (plurality adj demodulator)	US-PGPUB; USPAT	OR	ON	2005/09/24 19:03
S72	0	725/111.ccls. and (upchannel) same (plurality adj demodulator)	US-PGPUB; USPAT	OR	ON	2005/09/24 19:03
S73	2	725/111.ccls. and (upstream adj channel) same (plurality adj demodulator)	US-PGPUB; USPAT	OR	ON	2005/09/24 19:04
S74	2	"725"/\$7.ccls. and (upstream adj channel) same (plurality adj demodulator)	US-PGPUB; USPAT	OR	ON	2005/09/24 19:04
S75	8	(upstream adj channel) same (plurality adj demodulator)	US-PGPUB; USPAT	OR	ON	2005/09/24 19:04
S77	19	"5533023".urpn.	US-PGPUB; USPAT	OR	ON	2005/09/24 19:05
S84	0	"455"/\$7.ccls. and (analog adj digital adj converter) same (plurality adj demodulator)	US-PGPUB; USPAT	OR	ON	2005/09/24 19:11
S85	2	"375"/\$7.ccls. and (analog adj digital adj converter) same (plurality adj demodulator)	US-PGPUB; USPAT	OR	ON	2005/09/24 19:11
S86	0	"370"/344.ccls. and (analog adj digital adj converter) same (plurality adj demodulator)	US-PGPUB; USPAT	OR	ON	2005/09/24 19:11
S87	0	"370"/344.ccls. and (analog adj digital adj converter) and (plurality adj demodulator)	US-PGPUB; USPAT	OR	ON	2005/09/24 19:11
S88	9	"455"/\$7.ccls. and (analog adj digital adj converter) and (plurality adj demodulator)	US-PGPUB; USPAT	OR	ON	2005/09/24 19:12

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S89	16	"455"/\$7.ccls. and (analog adj digital adj converter) and (CMTS)	US-PGPUB; USPAT	OR	ON	2005/09/24 19:12
S90	16	"375"/\$7.ccls. and (analog adj digital adj converter) and (CMTS)	US-PGPUB; USPAT	OR	ON	2005/09/24 19:13
S91	14	"375"/\$7.ccls. and (demodulat\$7 adj (multiple adj channel))	US-PGPUB; USPAT	OR	ON	2005/09/24 19:13
S92	2	(cable adj modem adj termination adj system) near5 (FDMA)	US-PGPUB; USPAT	OR	ON	2005/09/24 19:14
S93	0	(cable adj modem adj termination adj system) adj line adj card	US-PGPUB; USPAT	OR	ON	2006/03/24 15:48
S94	288	"725"/\$7.ccls. and (cable adj modem adj termination adj system)	US-PGPUB; USPAT	OR	ON	2005/09/24 19:18
S95	45	"725"/\$7.ccls. and (cable adj modem adj termination adj system) same (upstream adj channel)	US-PGPUB; USPAT	OR	ON	2005/09/24 19:16
S96	0	"725"/\$7.ccls. and (cable adj modem adj termination adj system) near5 (analog adj digital adj converter)	US-PGPUB; USPAT	OR	ON	2005/09/24 19:17
S97	0	"375"/\$7.ccls. and (cable adj modem adj termination adj system) near5 (analog adj digital adj converter)	US-PGPUB; USPAT	OR	ON	2005/09/24 19:17
S98	0	"375"/\$7.ccls. and (cable adj modem adj termination adj system) with (analog adj digital adj converter)	US-PGPUB; USPAT	OR	ON	2005/09/24 19:17
S99	0	"455"/\$7.ccls. and (cable adj modem adj termination adj system) with (analog adj digital adj converter)	US-PGPUB; USPAT	OR	ON	2005/09/24 19:17
S10 0	1	(cable adj modem adj termination adj system) with (analog adj digital adj converter)	US-PGPUB; USPAT	OR	ON	2005/09/24 19:17
S10 1	3	(cable adj modem adj termination adj system) with (analog adj digital)	US-PGPUB; USPAT	OR	ON	2005/09/24 19:18
S10 2	4	"725"/\$7.ccls. and (multi adj channel adj demodulat\$5)	US-PGPUB; USPAT	OR	ON	2005/09/24 19:18
S10 3	48	(multi adj channel adj demodulat\$5)	US-PGPUB; USPAT	OR	ON	2005/09/24 19:19
S10 4	14	digital adj FDMA	US-PGPUB; USPAT	OR	ON	2005/09/24 19:19
S10 5	734	(plurality adj demodulat\$5)	US-PGPUB; USPAT	OR	ON	2005/09/24 19:19
S10 6	8	(channel adj bank) and (plurality adj demodulat\$5)	US-PGPUB; USPAT	OR	ON	2005/09/24 19:20

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S10 7	3	370/319.ccls. and (plurality adj demodulator)	US-PGPUB; USPAT	OR	ON	2005/09/24 20:46
S10 8	414	"370"/\$7.ccls. and (cable adj modem adj termination adj system)	US-PGPUB; USPAT	OR	ON	2005/09/24 20:48
S10 9	2	"370"/\$7.ccls. and (analog adj digital adj converter) same(plurality adj demodulator)	US-PGPUB; USPAT	OR	ON	2005/09/24 20:49
S11 0	115	"370"/\$7.ccls. and (plurality adj demodulator)	US-PGPUB; USPAT	OR	ON	2005/09/24 20:50
S11 1	1	("5903550").PN.	USPAT	OR	OFF	2005/09/24 20:50
S11 2	1	("5768682").PN.	USPAT	OR	OFF	2006/03/24 11:53
S11 3	1	("6490727").PN.	USPAT	OR	OFF	2006/03/24 12:19
S11 4	1	("6751230").PN.	USPAT	OR	OFF	2006/03/24 12:02
S11 5	1	("6785292").PN.	USPAT	OR	OFF	2006/03/24 12:05
S11 6	1	("6594305").PN.	USPAT	OR	OFF	2006/03/24 12:06
S11 7	1	("5943604").PN.	USPAT	OR	OFF	2006/03/24 12:08
S11 8	1	("6075787").PN.	USPAT	OR	OFF	2006/03/24 12:12
S11 9	1	("20050097617").PN.	US-PGPUB; USPAT	OR	OFF	2006/03/24 12:17
S12 0	1	("6826195").PN.	USPAT	OR	OFF	2006/03/24 12:16
S12 1	1	("20020012232").PN.	US-PGPUB; USPAT	OR	OFF	2006/03/24 12:25
S12 2	1	("6574797").PN.	USPAT	OR	OFF	2006/03/24 12:20
S12 3	1	("6839413").PN.	USPAT	OR	OFF	2006/03/24 12:20
S12 4	11	S113 S114 S115 S116 S117 S118 S119 S120 S121 S122 S123	US-PGPUB; USPAT	OR	OFF	2006/03/24 12:26
S12 5	7	S124 and (cable adj modem adj termination adj system)	US-PGPUB; USPAT	OR	OFF	2006/03/24 12:26
S12 6	0	S124 and ((cable adj modem adj termination adj system) and (plurality near3 demodulator) and (programmable adj center adj frequency))	US-PGPUB; USPAT	OR	ON	2006/03/24 12:27

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S12 7	1	S124 and ((cable adj modem adj termination adj system) and (plurality near3 demodulator))	US-PGPUB; USPAT	OR	ON	2006/03/24 12:27
S12 8	0	S124 and ((plurality near3 demodulator) same (programmable adj center adj frequency))	US-PGPUB; USPAT	OR	ON	2006/03/24 12:28
S12 9	0	S124 and ((plurality near3 demodulator) same (programmable adj filter))	US-PGPUB; USPAT	OR	ON	2006/03/24 12:28
S13 0	0	S124 and ((plurality near3 demodulator) and (programmable adj filter))	US-PGPUB; USPAT	OR	ON	2006/03/24 12:29
S13 1	8	demodulator same (programmable adj FIR)	US-PGPUB; USPAT	OR	ON	2006/03/24 14:27
S13 2	317	demodulator same (programmable near4 (FIR (filter)))	US-PGPUB; USPAT	OR	ON	2006/03/24 15:44
S13 3	13	demodulator same ((programmable near4 (FIR (filter))) and (programmable near4 FIR))	US-PGPUB; USPAT	OR	ON	2006/03/24 15:45
S13 4	0	demodulator same ((programmable near4 (FIR (filter))) and (programmable near4 FIR)) same coefficients	US-PGPUB; USPAT	OR	ON	2006/03/24 15:45
S13 5	0	demodulator same ((programmable near4 (FIR (filter))) and (programmable near4 FIR)) same coefficient\$1	US-PGPUB; USPAT	OR	ON	2006/03/24 15:46
S13 6	11	demodulator same ((programmable near4 (FIR (filter))) and (programmable near4 FIR)) and coefficient\$1	US-PGPUB; USPAT	OR	ON	2006/03/24 15:47
S13 7	9	demodulator same ((programmable near4 (FIR (filter))) and (programmable near4 FIR)) and coefficient\$1 and ((@ad <= "20010305")(@rlad <= "20010305"))	US-PGPUB; USPAT	OR	ON	2006/03/24 15:48
S13 8	9	demodulator same ((programmable near4 (FIR (filter))) and (programmable near4 FIR)) and coefficient\$1 and ((@ad <= "20000306")(@rlad <= "20000306"))	US-PGPUB; USPAT	OR	ON	2006/03/24 15:54
S13 9	9	demodulator same ((programmable near4 (FIR (filter) PFIR)) and (programmable near4 FIR)) and coefficient\$1 and ((@ad <= "20000306")(@rlad <= "20000306"))	US-PGPUB; USPAT	OR	ON	2006/03/24 15:55



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S14 0	9	demodulator same ((programmable near4 (FIR (filter) PFIR)) and (programmable near4 FIR)) and coefficient\$1 and (coefficient\$1 near5 (FIR PFIR)) and ((@ad <= "20000306")(@rlad <= "20000306"))	US-PGPUB; USPAT	OR	ON	2006/03/24 15:56
S14 1	62	379/390.02.ccls.	USPAT	OR	OFF	2006/03/27 13:47
S14 2	12	379/390.02.ccls. and (FIR (finite adj impulse adj response))	USPAT	OR	OFF	2006/03/27 14:02
S14 3	13	379/390.02.ccls. and (FIR (finite adj impulse adj response)) and (coefficient\$1)	US-PGPUB; USPAT	OR	ON	2006/03/27 14:04
S14 4	304	348/726.ccls.	US-PGPUB; USPAT	OR	OFF	2006/03/28 16:56
S14 5	211	348/726.ccls. and digital	US-PGPUB; USPAT	OR	OFF	2006/03/28 16:56
S14 6	136	348/726.ccls. and digital and (coefficient\$1 factor\$1 multiplier\$1)	US-PGPUB; USPAT	OR	ON	2006/03/28 17:01
S14 7	118	348/726.ccls. and digital and (filter same (coefficient\$1 factor\$1 multiplier\$1))	US-PGPUB; USPAT	OR	ON	2006/03/28 17:02
S14 8	52	348/726.ccls. and digital and ((FIR (finite adj impulse adj response)) same (coefficient\$1 factor\$1 multiplier\$1))	US-PGPUB; USPAT	OR	ON	2006/03/28 17:03
S14 9	46	348/726.ccls. and digital and ((FIR (finite adj impulse adj response)) same (coefficient\$1 factor\$1 multiplier\$1)) and ((@ad <= "20000306")(@rlad <= "20000306"))	US-PGPUB; USPAT	OR	ON	2006/03/28 18:51
S15 0	407	375/260,347,350,229,230,232.ccls. and digital and ((FIR (finite adj impulse adj response)) same (coefficient\$1 factor\$1 multiplier\$1)) and ((@ad <= "20000306")(@rlad <= "20000306"))	US-PGPUB; USPAT	OR	ON	2006/03/28 18:53
S15 1	69	375/260,347,350,229,230,232.ccls. and digital and ((FIR (finite adj impulse adj response)) same (coefficient\$1 factor\$1 multiplier\$1)) and demodulator and programmable and ((@ad <= "20000306")(@rlad <= "20000306"))	US-PGPUB; USPAT	OR	ON	2007/06/25 13:44
S15 2	68	S151 not S149	US-PGPUB; USPAT	OR	ON	2006/03/28 18:54

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S15 3	1	"5654765".pn.	USPAT	OR	OFF	2006/04/04 17:33
S15 4	1	"6850579".pn.	USPAT	OR	OFF	2006/04/04 17:33
S15 5	1248	375/229,230,232.ccls. and (coefficient)	US-PGPUB; USPAT	OR	ON	2006/04/06 13:47
S15 6	5	375/229,230,232.ccls. and (prestored with coefficient)	US-PGPUB; USPAT	OR	ON	2006/04/06 13:48
S15 7	1	"7046723".pn.	USPAT	OR	OFF	2006/09/14 15:50
S15 8	75	schier.in.	EPO	OR	OFF	2006/09/14 15:57
S15 9	2	askeroth.in.	EPO	OR	OFF	2006/09/14 15:57
S16 0	0	S158 and S159	EPO	OR	OFF	2006/09/14 15:57
S16 1	1	("5255216").PN.	USPAT	OR	OFF	2007/06/25 11:32